

IN THE SPECIFICATION

Please substitute these paragraphs on page 2, lines 11-27.

A¹ The housing provides support for the bearings that carry the turbine rotor and the shroud/ring drive of the subject invention. The monocoque structure eliminates the bedplate mounting structure generally found in large wind turbines. The housing also protects any electronics and power conditioning equipment located at tower top. The shaft extension drives the shroud/ring gear of the subject invention, resulting in both cost and weight savings.

The tower is tilted or articulated to form an arched tower, permitting the turbine rotor to be placed in a higher velocity, low turbulence air stream with reduced wind shear gradient. Using an arched tower that rotates about its base accommodates the increased blade tip deflection. Drive train loads are reacted through the tubular monocoque housing that replaces both the traditional bedplate and the nacelle. In the embodiments shown and described herein the tower can be in the range of 100 meters in height.

Please substitute these paragraphs on page 5, lines 1-16.

A² The overall system design is shown in Fig. 1. Fig. 1 illustrates the tower 10 and the housing 44. The subject invention is specifically directed to the ring/shroud 14 and the connection assembly thereof for the blades 16, 18 and 20 and the generator assembly 22. An enlarged front view of the ring/shroud 14 is shown in Fig. 2. The outer ring 24 is concentric with a hub 26 and is connected thereto via permanently mounted interior blades or other interconnecting structure 28, 30 and 32 (also see Fig. 3). The interior blades may be either fixed or variable pitch. In the preferred embodiment, the shroud includes a gear track or race 34 about its perimeter, see Fig. 3. The track can be on the inner perimeter as shown in Figs. 3 and 5, or can be along the outer perimeter, as a matter of choice. In the preferred embodiment, one or more generators 36, 38 are mounted on struts 40 that extend radially outward from the nacelle 44. As is better